

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Aquatic Chronic	Irrigation	Livestock	Location	MECT	MECT
										Sample ID	MECT-081015-11	MECT-081115-11
										Date	8/10/2015	8/11/2015
										Sample Time	14:15	13:45
										Latitude	37.21846	37.21846
										Longitude	-109.19081	-109.19081
Metals, Dissolved												
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--	< 24 U	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--	< 0.4 UJ	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--	1.3	0.83 J
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--	85	68
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--	< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								--	170000	48000
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	0.45	0.75
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	3 J+	1.9
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	< 17 U	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	< 0.06 U	0.14 J
Magnesium, Dissolved	7439-95-4	ug/L								--	71000	5400
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	1.8 J	2.2 J
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--	3.1 J-	1.7 J
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	3.8	1
Potassium, Dissolved	7440-09-7	ug/L								--	5500	2800
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	< 0.58 U	1.4 J
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--	70000	28000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	2.6	1.6
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 U	< 2.8 U
Metals, Total												
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--	9800	3000
Antimony, Total	7440-36-0	ug/L	6	6	129					--	< 0.4 UJ	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--	4.5	2.8

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Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	Barium, Total	7440-39-3
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	Beryllium, Total	7440-41-7
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	Cadmium, Total	7440-43-9
Calcium, Total	7440-70-2	ug/L								--	Calcium, Total	7440-70-2
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	Chromium, Total	7440-47-3
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	Cobalt, Total	7440-48-4
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	Copper, Total	7440-50-8
Iron, Total	7439-89-6	ug/L	601000		601000					--	Iron, Total	7439-89-6
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	Lead, Total	7439-92-1
Magnesium, Total	7439-95-4	ug/L								--	Magnesium, Total	7439-95-4
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	Manganese, Total	7439-96-5
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	Mercury, Total	7439-97-6
Molybdenum, Total	7439-98-7	ug/L								--	Molybdenum, Total	7439-98-7
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	Nickel, Total	7440-02-0
Potassium, Total	7440-09-7	ug/L								--	Potassium, Total	7440-09-7
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	Selenium, Total	7782-49-2
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	Silver, Total	7440-22-4
Sodium, Total	7440-23-5	ug/L								--	Sodium, Total	7440-23-5
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	Thallium, Total	7440-28-0
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	Vanadium, Total	7440-62-2
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	Zinc, Total	7440-66-6
General												
Alkalinity	STL00171	mg/L								--	Alkalinity	STL00171
pH	STL00204	SU								--	pH	STL00204
Total Dissolved Solids	STL00242	mg/L								--	Total Dissolved Solids	STL00242
Total Hardness	STL00009	mg/L								--	Total Hardness	STL00009
Total Suspended Solids	STL00161	mg/L								--	Total Suspended Solids	STL00161

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Bold - Bolded

* - exceeds M

J - Data Estima

MDL - Method

PQL - Practica

U - Analyte no

D - Diluted val

mg/L - Parts p

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ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

ug/L - Parts p

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Aquatic Chronic	Irrigation	Livestock	Location	MECT	MECT	SJ4C	SJ4C
								Sample ID	MECT-081015-11	MECT-081115-11	SJ4C-081015-11	SJ4C-081115-11
								Date	8/10/2015	8/11/2015	8/10/2015	8/11/2015
								Sample Time	14:15	13:45	15:05	9:52
								Latitude	37.21846	37.21846	36.99622	36.99622
								Longitude	-109.19081	-109.19081	-109.00468	-109.00468
ug/L	3348			8358	3348	5000		--	< 24 U	< 24 U	28 J	25 J
ug/L	6	6	129					--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U
ug/L	2.15	10	2.15			100	200	--	1.3	0.83 J	1	1.2
ug/L	2000	2000	34900					--	85	68	68	65
ug/L	4	4	100	340	150	100	100	--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	< 0.043 U	< 0.043 U	< 0.043 U
ug/L								--	170000	48000	48000	46000
ug/L	100	100		972	126	100	1000	--	< 1 U	< 1 U	< 1 U	< 1 U
ug/L	50		3130			50	1000	--	0.45	0.75	1.3	2.5
ug/L	16	1300	8580	25	16	200	500	--	3 J+	1.9	2.4 J+	2.5
ug/L	601000		601000					--	< 17 U	< 17 U	68	< 17 U
ug/L	5	15		130	5	5000	100	--	< 0.06 U	0.14 J	0.077 J	0.094 J
ug/L								--	71000	5400	5700	4900
ug/L	200		2550	3710	2050	200		--	1.8 J	2.2 J	3.1	4.6
ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
ug/L								--	3.1 J-	1.7 J	1.9 J-	2
ug/L	90		7870	813	90	200	1000	--	3.8	1	1.2	1.3
ug/L								--	5500	2800	3000	3300
ug/L	5	50	4290	20	5	130	250	--	< 0.58 U	1.4 J	< 0.58 U	0.78 J
ug/L	9.9		837	9.9				--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
ug/L								--	70000	28000	34000	40000
ug/L	2	2	34.3					--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
ug/L	100		712			100	100	--	2.6	1.6	1.6	2
ug/L	219		292000	290	219	2000	25000	--	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U
ug/L	3348			8358	3348	5000		--	9800	3000	82000	120000
ug/L	6	6	129					--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U
ug/L	2.15	10	2.15			100	200	--	4.5	2.8	16	24

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Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	ug/L	2000	2000	34900
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	ug/L	4	4	100
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	ug/L	0.72	5	65
Calcium, Total	7440-70-2	ug/L								--	ug/L			
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	ug/L	100	100	
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	ug/L	50		3130
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	ug/L	16	1300	8580
Iron, Total	7439-89-6	ug/L	601000		601000					--	ug/L	601000		601000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	ug/L	5	15	
Magnesium, Total	7439-95-4	ug/L								--	ug/L			
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	ug/L	200		2550
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	ug/L	0.77	2	
Molybdenum, Total	7439-98-7	ug/L								--	ug/L			
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	ug/L	90		7870
Potassium, Total	7440-09-7	ug/L								--	ug/L			
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	ug/L	5	50	4290
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	ug/L	9.9		837
Sodium, Total	7440-23-5	ug/L								--	ug/L			
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	ug/L	2	2	34.3
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	ug/L	100		712
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	ug/L	219		292000
General														
Alkalinity	STL00171	mg/L								--	mg/L			
pH	STL00204	SU								--	SU			
Total Dissolved Solids	STL00242	mg/L								--	mg/L			
Total Hardness	STL00009	mg/L								--	mg/L			
Total Suspended Solids	STL00161	mg/L								--	mg/L			

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* - exceeds MCL

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mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

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Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Aquatic Acute	Aquatic Chronic	Irrigation	Livestock	Location	MECT	MECT	SJ4C	SJ4C	SJ4C	SJBB
				Sample ID	MECT-081015-11	MECT-081115-11	SJ4C-081015-11	SJ4C-081115-11	SJ4C-081115-12	SJBB-081015-11
				Date	8/10/2015	8/11/2015	8/10/2015	8/11/2015	8/11/2015	8/10/2015
				Sample Time	14:15	13:45	15:05	9:52	9:52	12:40
				Latitude	37.21846	37.21846	36.99622	36.99622	36.99622	37.25737
				Longitude	-109.19081	-109.19081	-109.00468	-109.00468	-109.00468	-109.61859
8358	3348	5000		--	< 24 U	< 24 U	28 J	25 J	< 24 U	200
				--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 U	< 0.4 UJ
		100	200	--	1.3	0.83 J	1	1.2	0.92 J	0.8 J
				--	85	68	68	65	60	77
340	150	100	100	--	< 0.15 U					
2.88	0.72	10	50	--	< 0.043 U					
				--	170000	48000	48000	46000	43000	57000
972	126	100	1000	--	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
		50	1000	--	0.45	0.75	1.3	2.5	0.27 J	0.42
25	16	200	500	--	3 J+	1.9	2.4 J+	2.5	2.4	2.5 J+
				--	< 17 U	< 17 U	68	< 17 U	< 17 U	88
130	5	5000	100	--	< 0.06 U	0.14 J	0.077 J	0.094 J	< 0.06 U	0.29 J
				--	71000	5400	5700	4900	4700	7900
3710	2050	200		--	1.8 J	2.2 J	3.1	4.6	< 1.2 U	2.8
104	0.77		10	--	< 0.08 U					
				--	3.1 J-	1.7 J	1.9 J-	2	1.9 J	2.1 J-
813	90	200	1000	--	3.8	1	1.2	1.3	1.2	1.1
				--	5500	2800	3000	3300	3100	3100
20	5	130	250	--	< 0.58 U	1.4 J	< 0.58 U	0.78 J	1.7 J	< 0.58 U
9.9				--	< 0.1 U					
				--	70000	28000	34000	40000	38000	27000
				--	< 0.1 U					
		100	100	--	2.6	1.6	1.6	2	1.5	1.7
290	219	2000	25000	--	< 2.8 U					
8358	3348	5000		--	9800	3000	82000	120000	110000	42000
				--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 U	< 0.4 UJ
		100	200	--	4.5	2.8	16	24	23	13

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Barium, Total	7440-39-3	ug/L	2000	2000	34900					--				
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	340	150	100	100
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	2.88	0.72	10	50
Calcium, Total	7440-70-2	ug/L								--				
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	972	126	100	1000
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--			50	1000
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	25	16	200	500
Iron, Total	7439-89-6	ug/L	601000		601000					--				
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	130	5	5000	100
Magnesium, Total	7439-95-4	ug/L								--				
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	3710	2050	200	
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	104	0.77		10
Molybdenum, Total	7439-98-7	ug/L								--				
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	813	90	200	1000
Potassium, Total	7440-09-7	ug/L								--				
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	20	5	130	250
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	9.9			
Sodium, Total	7440-23-5	ug/L								--				
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--				
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--			100	100
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	290	219	2000	25000
General														
Alkalinity	STL00171	mg/L								--				
pH	STL00204	SU								--				
Total Dissolved Solids	STL00242	mg/L								--				
Total Hardness	STL00009	mg/L								--				
Total Suspended Solids	STL00161	mg/L								--				

Bold - Bolded results identify a detected value.

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D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

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ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

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Upper Animas River

Location	MECT	MECT	SJ4C	SJ4C	SJ4C	SJBB	SJBB	SJDS	SJDS
Sample ID	MECT-081015-11	MECT-081115-11	SJ4C-081015-11	SJ4C-081115-11	SJ4C-081115-12	SJBB-081015-11	SJBB-081115-11	SJDS-081015-11	SJDS-081115-11
Date	8/10/2015	8/11/2015	8/10/2015	8/11/2015	8/11/2015	8/10/2015	8/11/2015	8/10/2015	8/11/2015
Sample Time	14:15	13:45	15:05	9:52	9:52	12:40	11:30	13:25	11:40
Latitude	37.21846	37.21846	36.99622	36.99622	36.99622	37.25737	37.25737	36.89331	36.89331
Longitude	-109.19081	-109.19081	-109.00468	-109.00468	-109.00468	-109.61859	-109.61859	-108.87864	-108.87864
--	< 24 U	< 24 U	28 J	25 J	< 24 U	200	1600	29 J	69 J
--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U
--	1.3	0.83 J	1	1.2	0.92 J	0.8 J	1.2	0.51 J	0.97 J
--	85	68	68	65	60	77	70	64	71
--	< 0.15 U								
--	< 0.043 U								
--	170000	48000	48000	46000	43000	57000	46000	47000	53000
--	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
--	0.45	0.75	1.3	2.5	0.27 J	0.42	0.87	0.33 J	2.1
--	3 J+	1.9	2.4 J+	2.5	2.4	2.5 J+	3.2	2.4 J+	2.5
--	< 17 U	< 17 U	68	< 17 U	< 17 U	88	840	< 17 U	34 J
--	< 0.06 U	0.14 J	0.077 J	0.094 J	< 0.06 U	0.29 J	0.67	0.06 J	0.086 J
--	71000	5400	5700	4900	4700	7900	5600	5500	7000
--	1.8 J	2.2 J	3.1	4.6	< 1.2 U	2.8	13	1.7 J	5
--	< 0.08 U								
--	3.1 J-	1.7 J	1.9 J-	2	1.9 J	2.1 J-	1.9	1.8 J-	2 J
--	3.8	1	1.2	1.3	1.2	1.1	1.4	1.2	1.3
--	5500	2800	3000	3300	3100	3100	3400	3000	3100
--	< 0.58 U	1.4 J	< 0.58 U	0.78 J	1.7 J	< 0.58 U	1.3 J	< 0.58 U	0.97 J
--	< 0.1 U								
--	70000	28000	34000	40000	38000	27000	37000	34000	36000
--	< 0.1 U								
--	2.6	1.6	1.6	2	1.5	1.7	3.7	1.5	1.8
--	< 2.8 U	4.9 J	< 2.8 U	< 2.8 U					
--	9800	3000	82000	120000	110000	42000	110000	79000	64000
--	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 U	< 0.4 UJ	< 0.4 U	< 0.4 UJ	< 0.4 U
--	4.5	2.8	16	24	23	13	21	15	12

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	--	180
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	--	0.53
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	--	0.1
Calcium, Total	7440-70-2	ug/L								--	--	190000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	--	7.5
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	--	3.4
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	--	9.5 B
Iron, Total	7439-89-6	ug/L	601000		601000					--	--	7400
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	--	7
Magnesium, Total	7439-95-4	ug/L								--	--	77000
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	--	310
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	--	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	--	3.6 J-
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	--	9.9
Potassium, Total	7440-09-7	ug/L								--	--	9000
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	--	2.9 J+
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	--	< 0.1 U
Sodium, Total	7440-23-5	ug/L								--	--	72000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	--	0.17 J
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	--	20
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	--	28
General												
Alkalinity	STL00171	mg/L								--	--	220
pH	STL00204	SU								--	--	8.38 J
Total Dissolved Solids	STL00242	mg/L								--	--	1100
Total Hardness	STL00009	mg/L								--	--	800
Total Suspended Solids	STL00161	mg/L								--	--	430

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Location	MECT	SJ4C
							Sample ID	MECT-081115-11	SJ4C-081015-11
							Date	8/11/2015	8/10/2015
							Sample Time	13:45	15:05
							Latitude	37.21846	36.99622
							Longitude	-109.19081	-109.00468
Metals, Dissolved									
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15		100	200	0.83 J
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900			--	68
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L						--	48000
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500
Iron, Dissolved	7439-89-6	ug/L	601000		601000			--	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100
Magnesium, Dissolved	7439-95-4	ug/L						--	5400
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200	2.2 J
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L						--	1.7 J
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000
Potassium, Dissolved	7440-09-7	ug/L						--	2800
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9		--	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L						--	28000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3			--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000
Metals, Total									
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	3000
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15		100	200	--
									2.8
									16

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	290	810
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	1.9	4.5
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.18	0.32
Calcium, Total	7440-70-2	ug/L								--	77000	84000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U	44
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	7.6	31
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	15	74 B
Iron, Total	7439-89-6	ug/L	601000		601000					--	1400	70000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	11	71
Magnesium, Total	7439-95-4	ug/L								--	8300	23000
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	700	1400
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	0.17 J
Molybdenum, Total	7439-98-7	ug/L								--	0.68 J	1.5 J-
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	5.2	40
Potassium, Total	7440-09-7	ug/L								--	3900	16000
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	1.2 J	4.2 J+
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	0.42 J
Sodium, Total	7440-23-5	ug/L								--	30000	36000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	0.81
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	12	110
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	29	220
General												
Alkalinity	STL00171	mg/L								--	92	83
pH	STL00204	SU								--	8.23 J	8.22 J
Total Dissolved Solids	STL00242	mg/L								--	310	390
Total Hardness	STL00009	mg/L								--	230	300
Total Suspended Solids	STL00161	mg/L								--	2700	4000

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Location	SJ4C	SJ4C			
							Sample ID	SJ4C-081115-11	SJ4C-081115-12			
							Date	8/11/2015	8/11/2015			
							Sample Time	9:52	9:52			
							Latitude	36.99622	36.99622			
							Longitude	-109.00468	-109.00468			
Metals, Dissolved												
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	25 J	< 24 U		
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	< 0.4 U	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15		100	200	--	1.2	0.92 J	
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900				--	65	60	
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	--	< 0.15 U	< 0.15 U	
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L							--	46000	43000	
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	2.5	0.27 J
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	2.5	2.4
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	< 17 U	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	0.094 J	< 0.06 U
Magnesium, Dissolved	7439-95-4	ug/L								--	4900	4700
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	4.6	< 1.2 U
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--	2	1.9 J
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	1.3	1.2
Potassium, Dissolved	7440-09-7	ug/L								--	3300	3100
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	0.78 J	1.7 J
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--	40000	38000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	2	1.5
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 U	< 2.8 U
Metals, Total												
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	120000	110000		
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 U	< 0.4 U		
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15		100	200	--	24	23	

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	1200	1100
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	7.4	7.1
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.31	0.35
Calcium, Total	7440-70-2	ug/L								--	100000	99000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	55	53
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	48	46
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	120	110
Iron, Total	7439-89-6	ug/L	601000		601000					--	91000	86000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	89	84
Magnesium, Total	7439-95-4	ug/L								--	28000	27000
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	2000	2000
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	0.15 J	0.16 J
Molybdenum, Total	7439-98-7	ug/L								--	0.99 J	0.96 J
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	55	52
Potassium, Total	7440-09-7	ug/L								--	19000	18000
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	5.2	4.2
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	0.55 J	0.52 J
Sodium, Total	7440-23-5	ug/L								--	43000	41000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	1.2	1.1
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	130	130
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	270	250
General												
Alkalinity	STL00171	mg/L								--	97	96
pH	STL00204	SU								--	8.2 J	8.19 J
Total Dissolved Solids	STL00242	mg/L								--	140	350
Total Hardness	STL00009	mg/L								--	380	360
Total Suspended Solids	STL00161	mg/L								--	6700	5200

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Location	SJBB	SJBB		
							Sample ID	SJBB-081015-11	SJBB-081115-11		
							Date	8/10/2015	8/11/2015		
							Sample Time	12:40	11:30		
							Latitude	37.25737	37.25737		
							Longitude	-109.61859	-109.61859		
Metals, Dissolved											
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	200	1600	
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ	< 0.4 U	
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			--	0.8 J	1.2	
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900			--	77	70	
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--	
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	
Calcium, Dissolved	7440-70-2	ug/L							57000	46000	
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	
Iron, Dissolved	7439-89-6	ug/L	601000		601000				--	88	840
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	
Magnesium, Dissolved	7439-95-4	ug/L							--	7900	5600
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	
Molybdenum, Dissolved	7439-98-7	ug/L							--	2.1 J-	1.9
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	
Potassium, Dissolved	7440-09-7	ug/L							--	3100	3400
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9			--	< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L							--	27000	37000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3				--	< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	
Metals, Total											
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	42000	110000	
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ	< 0.4 U	
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			--	13	21	

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	610	1000
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	2.4	6.3
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.27	0.33
Calcium, Total	7440-70-2	ug/L								--	100000	99000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	25	50
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	18	42
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	56 B	100
Iron, Total	7439-89-6	ug/L	601000		601000					--	39000	85000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	120	82
Magnesium, Total	7439-95-4	ug/L								--	21000	27000
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	950	1800
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	0.12 J
Molybdenum, Total	7439-98-7	ug/L								--	2.3 J-	1
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	26	49
Potassium, Total	7440-09-7	ug/L								--	11000	17000
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	3.9 J+	3.8
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	0.86 J	0.51 J
Sodium, Total	7440-23-5	ug/L								--	29000	40000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	0.48	1
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	63	120
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	160	250
General												
Alkalinity	STL00171	mg/L								--	94	97
pH	STL00204	SU								--	8.2 J	8.23 J
Total Dissolved Solids	STL00242	mg/L								--	380	330
Total Hardness	STL00009	mg/L								--	340	360
Total Suspended Solids	STL00161	mg/L								--	2300	5100

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Location		SJDS	SJDS		
							Sample ID	SJDS-081015-11	SJDS-081115-11			
							Date	8/10/2015	8/11/2015			
							Sample Time	13:25	11:40			
							Latitude	36.89331	36.89331			
							Longitude	-108.87864	-108.87864			
Metals, Dissolved												
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	29 J	69 J		
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15		100	200	--	0.51 J	0.97 J	
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900				--	64	71	
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	--	< 0.15 U	< 0.15 U	
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	--	< 0.043 U	< 0.043 U	
Calcium, Dissolved	7440-70-2	ug/L							--	47000	53000	
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	0.33 J	2.1
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	2.4 J+	2.5
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	< 17 U	34 J
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	0.06 J	0.086 J
Magnesium, Dissolved	7439-95-4	ug/L								--	5500	7000
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	1.7 J	5
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.8 J-	2 J
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	1.2	1.3
Potassium, Dissolved	7440-09-7	ug/L								--	3000	3100
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	< 0.58 U	0.97 J
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--	34000	36000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	1.5	1.8
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 U	< 2.8 U
Metals, Total												
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	79000	64000		
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ	< 0.4 U		
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--	15	12

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	810	620
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	4.5	3.6
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.31	0.29
Calcium, Total	7440-70-2	ug/L								--	81000	81000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	39	32
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	29	24
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	74 B	59
Iron, Total	7439-89-6	ug/L	601000		601000					--	67000	53000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	69	58
Magnesium, Total	7439-95-4	ug/L								--	22000	21000
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	1300	1000
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	0.1 J	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	1.2 J-	1.2 J
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	38	30
Potassium, Total	7440-09-7	ug/L								--	15000	13000
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	3.3 J+	3.4
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	0.44 J	0.32 J
Sodium, Total	7440-23-5	ug/L								--	38000	39000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	0.74	0.63
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	98	82
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	210	160
General												
Alkalinity	STL00171	mg/L								--	93	100
pH	STL00204	SU								--	8.17 J	8.28 J
Total Dissolved Solids	STL00242	mg/L								--	340	340
Total Hardness	STL00009	mg/L								--	290	290
Total Suspended Solids	STL00161	mg/L								--	4300	2600

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Location	SJFP	SJFP
							Sample ID	SJFP-081015-11	SJFP-081115-11
							Date	8/10/2015	8/11/2015
							Sample Time	10:35	13:45
							Latitude	36.74816	36.74816
							Longitude	-108.41202	-108.41202
Metals, Dissolved									
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	1.3 J-
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			--	0.7 J
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900			--	68
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50
Calcium, Dissolved	7440-70-2	ug/L						--	50000
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500
Iron, Dissolved	7439-89-6	ug/L	601000		601000			--	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100
Magnesium, Dissolved	7439-95-4	ug/L						--	6700
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200	
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L						--	1.3 J-
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000
Potassium, Dissolved	7440-09-7	ug/L						--	2300
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9		--	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L						--	19000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3			--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000
Metals, Total									
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	10000
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			--	4.3

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	170	270
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	0.6	0.57
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	< 0.043 U
Calcium, Total	7440-70-2	ug/L								--	56000	61000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	8	5.6
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	3.9	4.4
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	13 B	12
Iron, Total	7439-89-6	ug/L	601000		601000					--	8700	8300
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	18	16
Magnesium, Total	7439-95-4	ug/L								--	9000	9400
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	210	270
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	1.5 J-	1.4
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	6.2	6.2
Potassium, Total	7440-09-7	ug/L								--	4400	4500
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	2.3 J+	1 J
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	0.13 J	< 0.1 U
Sodium, Total	7440-23-5	ug/L								--	19000	20000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	0.12 J	0.11 J
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	16	15
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	38	42
General												
Alkalinity	STL00171	mg/L								--	98	92
pH	STL00204	SU								--	8.19 J	8.27 J
Total Dissolved Solids	STL00242	mg/L								--	270	300
Total Hardness	STL00009	mg/L								--	180	190
Total Suspended Solids	STL00161	mg/L								--	840	640

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Location	SJHB	SJHB			
							Sample ID	SJHB-081015-11	SJHB-081015-12			
							Date	8/10/2015	8/10/2015			
							Sample Time	11:25	11:25			
							Latitude	36.74519	36.74519			
							Longitude	-108.53776	-108.53776			
Metals, Dissolved												
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	< 24 U	< 24 U		
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ	< 0.4 UJ		
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15		100	200	--	0.67 J	0.99 J	
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900			--	69	67		
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	--	< 0.15 U	< 0.15 U	
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	--	< 0.043 U	< 0.043 U	
Calcium, Dissolved	7440-70-2	ug/L						--	51000	50000		
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	0.35 J	0.16 J
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	2.1 J+	1.4 J+
Iron, Dissolved	7439-89-6	ug/L	601000		601000				--	< 17 U	< 17 U	
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	< 0.06 U	< 0.06 U
Magnesium, Dissolved	7439-95-4	ug/L							--	6800	6700	
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	2.7	2.1 J
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L							--	1.3 J-	1.3 J-	
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	0.98 J	1.2
Potassium, Dissolved	7440-09-7	ug/L							--	2300	2300	
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	< 0.58 U	< 0.58 U
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9			--	< 0.1 U	< 0.1 U	
Sodium, Dissolved	7440-23-5	ug/L							--	19000	18000	
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3				--	< 0.1 U	< 0.1 U	
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	0.96 J	0.89 J
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 U	< 2.8 U
Metals, Total												
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	13000	13000		
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ	< 0.4 UJ		
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15		100	200	--	3.8	3.7	

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	260	240
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	0.89	0.78
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.056 J	0.054 J
Calcium, Total	7440-70-2	ug/L								--	60000	57000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	9.7	10
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	6.2	5.4
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	16 B	16 B
Iron, Total	7439-89-6	ug/L	601000		601000					--	11000	11000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	22	22
Magnesium, Total	7439-95-4	ug/L								--	9600	9500
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	400 J	290 J
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	1.5 J-	1.5 J-
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	8.5	8.1
Potassium, Total	7440-09-7	ug/L								--	5000	5100
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	2.3 J+	2 J+
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	0.14 J	0.15 J
Sodium, Total	7440-23-5	ug/L								--	19000	19000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	0.15 J	0.15 J
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	21	20
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	55	51
General												
Alkalinity	STL00171	mg/L								--	90	90
pH	STL00204	SU								--	8.15 J	8.16 J
Total Dissolved Solids	STL00242	mg/L								--	260	260
Total Hardness	STL00009	mg/L								--	190	180
Total Suspended Solids	STL00161	mg/L								--	880	1000

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Location	SJHB	SJLP	
							Sample ID	SJHB-081115-11	SJLP-081015-11	
							Date	8/11/2015	8/10/2015	
							Sample Time	13:05	9:40	
							Latitude	36.74519	36.73589	
							Longitude	-108.53776	-108.25399	
Metals, Dissolved										
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	1800	< 24 U
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	0.4 J	< 0.4 UJ
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15		100	200	1.9	0.56 J
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900			--	160	70
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L						--	40000	50000
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--
Iron, Dissolved	7439-89-6	ug/L	601000		601000			--	840	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--
Magnesium, Dissolved	7439-95-4	ug/L						--	6800	6500
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200	--	16
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--
Molybdenum, Dissolved	7439-98-7	ug/L						--	2.6 J	1.3 J-
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--
Potassium, Dissolved	7440-09-7	ug/L						--	4200	2300
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9		--	< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L						--	52000	17000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3			--	< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--
Metals, Total										
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	270000	12000
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 U	< 0.4 UJ
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15		100	200	--	26
										3.6

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	2600 J	260
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	12	0.7
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.45	0.14
Calcium, Total	7440-70-2	ug/L								--	280000	56000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	150	8.3
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	73	5.2
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	110	15 B
Iron, Total	7439-89-6	ug/L	601000		601000					--	140000	11000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	130	21
Magnesium, Total	7439-95-4	ug/L								--	94000	9300
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	3400	270
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	0.2	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	2 J	1.4 J-
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	140	7.7
Potassium, Total	7440-09-7	ug/L								--	73000	4900
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	6	< 0.58 U
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	0.63 J	0.13 J
Sodium, Total	7440-23-5	ug/L								--	65000	18000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	1.8	0.14 J
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	230	19
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	340	50
General												
Alkalinity	STL00171	mg/L								--	110	88
pH	STL00204	SU								--	8.3 J	8.18 J
Total Dissolved Solids	STL00242	mg/L								--	350	260
Total Hardness	STL00009	mg/L								--	1100	180
Total Suspended Solids	STL00161	mg/L								--	6300	1400

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Location	SJLP	SJMC
							Sample ID	SJLP-081115-11	SJMC-081015-11
							Date	8/11/2015	8/10/2015
							Sample Time	14:25	13:35
							Latitude	36.73589	37.25823
							Longitude	-108.25399	-109.31060
Metals, Dissolved									
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	32 J
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15		100	200	0.96 J
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900			--	67
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L						--	50000
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500
Iron, Dissolved	7439-89-6	ug/L	601000		601000			--	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100
Magnesium, Dissolved	7439-95-4	ug/L						--	6600
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200	7400
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L						--	2 J
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000
Potassium, Dissolved	7440-09-7	ug/L						--	3100
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9		--	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L						--	35000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3			--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000
Metals, Total									
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	97000
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15		100	200	--
									19
									14

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	890	730
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	5.5	3.6
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.23	0.26
Calcium, Total	7440-70-2	ug/L								--	98000	97000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	47	37
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	36	25
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	85	64 B
Iron, Total	7439-89-6	ug/L	601000		601000					--	75000	58000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	76	76
Magnesium, Total	7439-95-4	ug/L								--	28000	24000
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	1600	1200
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	1.4 J	2.1 J-
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	43	35
Potassium, Total	7440-09-7	ug/L								--	18000	14000
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	3.9	4.5 J+
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	0.44 J	0.49 J
Sodium, Total	7440-23-5	ug/L								--	39000	32000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	0.95	0.68
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	120	92
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	230	190
General												
Alkalinity	STL00171	mg/L								--	110	97
pH	STL00204	SU								--	8.28 J	8.22 J
Total Dissolved Solids	STL00242	mg/L								--	330	360
Total Hardness	STL00009	mg/L								--	360	340
Total Suspended Solids	STL00161	mg/L								--	3700	3200

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Location	SJMC	SJMC			
							Sample ID	SJMC-081015-12	SJMC-081115-11			
							Date	8/10/2015	8/11/2015			
							Sample Time	13:40	12:20			
							Latitude	37.25823	37.25823			
							Longitude	-109.31060	-109.31060			
Metals, Dissolved												
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	2300 J	< 24 U		
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15		100	200	--	1.2	1.3	
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900				--	94	86	
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	--	< 0.15 U	< 0.15 U	
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L							--	58000	180000	
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	2	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	0.92	1.4
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	4.8 J+	2.5
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	1800 J	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	2.8	< 0.06 U
Magnesium, Dissolved	7439-95-4	ug/L								--	8400	75000
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	36	3.7
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--	2.2 J-	3.4
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	2.4	3.7
Potassium, Dissolved	7440-09-7	ug/L								--	3500	6000
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	< 0.58 U	2
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--	33000	75000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	6	2.3
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	8.1 J	< 2.8 U
Metals, Total												
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	59000	10000		
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ	< 0.4 U		
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15		100	200	--	13	4.9	

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	700	180
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	3.6	0.59
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.34	0.22
Calcium, Total	7440-70-2	ug/L								--	100000	210000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	33	8
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	24	3.9
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	64 B	11
Iron, Total	7439-89-6	ug/L	601000		601000					--	51000	8400
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	77	7.6
Magnesium, Total	7439-95-4	ug/L								--	23000	79000
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	1200	310
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	1.6 J-	4.5
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	33	13
Potassium, Total	7440-09-7	ug/L								--	12000	9400
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	3.3 J+	3.3
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	0.52 J	< 0.1 U
Sodium, Total	7440-23-5	ug/L								--	34000	75000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	0.64	0.26
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	80	24
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	180	36
General												
Alkalinity	STL00171	mg/L								--	98	210
pH	STL00204	SU								--	8.22 J	8.32 J
Total Dissolved Solids	STL00242	mg/L								--	350	1100
Total Hardness	STL00009	mg/L								--	340	840
Total Suspended Solids	STL00161	mg/L								--	2800	550

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL	Aquatic Acute	Location	SJME	SJME
							Sample ID	SJME-081015-11	SJME-081115-11
							Date	8/10/2015	8/11/2015
							Sample Time	14:40	13:30
							Latitude	37.21681	37.21681
							Longitude	-109.19615	-109.19615
Metals, Dissolved									
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	2200
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15		100	200	1.3
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900			--	92
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	0.047 J
Calcium, Dissolved	7440-70-2	ug/L						--	53000
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1.9 J
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	0.83
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	4.5 J+
Iron, Dissolved	7439-89-6	ug/L	601000		601000			--	1600
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	2.1
Magnesium, Dissolved	7439-95-4	ug/L						--	6700
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200	31
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L						--	2.1 J-
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	2.3
Potassium, Dissolved	7440-09-7	ug/L						--	3400
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	0.77 J
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9		--	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L						--	32000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3			--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	6.2
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	0.88 J
Metals, Total									
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	78000
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 UJ
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15		100	200	15

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	830	170 J
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	4.4	0.31 J
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.31	< 0.043 U
Calcium, Total	7440-70-2	ug/L								--	96000	62000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	41	4.1
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	30	2.3
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	79 B	7.7 J
Iron, Total	7439-89-6	ug/L	601000		601000					--	66000	4800 J
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	78	10 J
Magnesium, Total	7439-95-4	ug/L								--	24000	9100
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	1400	130 J
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	0.096 J	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	1.6 J-	1.4
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	41	3.9 J
Potassium, Total	7440-09-7	ug/L								--	15000	3600 J
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	3.6 J+	2.6
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	0.54 J	< 0.1 U
Sodium, Total	7440-23-5	ug/L								--	35000	22000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	0.78	< 0.1 U
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	99	9.2
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	220	23 J
General												
Alkalinity	STL00171	mg/L								--	92	98
pH	STL00204	SU								--	8.2 J	8.27 J
Total Dissolved Solids	STL00242	mg/L								--	370	280
Total Hardness	STL00009	mg/L								--	340	190
Total Suspended Solids	STL00161	mg/L								--	3200	180 J

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Hogback	Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL		Location		SJME	SJMH
								Sample ID	SJME-081115-12	SJMH-081015-11	
								Date	8/11/2015	8/10/2015	
								Sample Time	13:35	11:35	
								Latitude	37.21681	37.14999	
								Longitude	-109.19615	-109.86628	
Metals, Dissolved											
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--	9300 J
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--	< 0.4 U
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--	3.1 J
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--	270 J
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--	0.61 J
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.051 J
Calcium, Dissolved	7440-70-2	ug/L								--	65000
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	6.1 J
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	4.7 J
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	12 J
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	8700 J
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	17 J
Magnesium, Dissolved	7439-95-4	ug/L								--	10000 J
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	320 J
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.4
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	6.6 J
Potassium, Dissolved	7440-09-7	ug/L								--	4600 J
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	0.97 J
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--	21000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	0.11 J
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	16 J
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	42 J
Metals, Total											
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--	< 24 UJ
Antimony, Total	7440-36-0	ug/L	6	6	129					--	< 0.4 U
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--	0.99 J
											22

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	81 J	2200 J
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	< 0.15 UJ	10
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U	0.62
Calcium, Total	7440-70-2	ug/L								--	60000	360000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 UJ	110
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	0.29 J	59
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	1.6 J	94 B
Iron, Total	7439-89-6	ug/L	601000		601000					--	< 17 UJ	110000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	< 0.06 UJ	90
Magnesium, Total	7439-95-4	ug/L								--	8200 J	83000
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	3.4 J	3500
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U	0.12 J
Molybdenum, Total	7439-98-7	ug/L								--	1.4	2.4 J-
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	1.1 J	120
Potassium, Total	7440-09-7	ug/L								--	2500 J	58000
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	0.94 J	4.9 J+
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U	0.46 J
Sodium, Total	7440-23-5	ug/L								--	21000	51000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U	1.6
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	0.88 J	190
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 UJ	290
General												
Alkalinity	STL00171	mg/L								--	98	110
pH	STL00204	SU								--	8.25 J	8.17 J
Total Dissolved Solids	STL00242	mg/L								--	290	370
Total Hardness	STL00009	mg/L								--	180	1200
Total Suspended Solids	STL00161	mg/L								--	660 J	7400

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Hingebeck	Analyte	CAS.NO	Units	PCL	Drinking Water MCL	Recreational RSL		Location		SJMH	SJSR
								Sample ID	SJMH-081115-11	SJSR-081015-11	
								Date	8/11/2015	8/10/2015	
								Sample Time	10:35	12:10	
								Latitude	37.14999	36.78162	
								Longitude	-109.86628	-108.69278	
Metals, Dissolved											
Aluminum, Dissolved	7429-90-5	ug/L	3348		8358	3348	5000	--	24 J	< 24 U	
Antimony, Dissolved	7440-36-0	ug/L	6	6	129			--	< 0.4 U	< 0.4 UJ	
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			--	0.88 J	0.86 J	
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900			--	65	66	
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	< 0.15 U	< 0.15 U
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U
Calcium, Dissolved	7440-70-2	ug/L								46000	48000
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	2.6
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	2.4
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	< 17 U
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	0.084 J
Magnesium, Dissolved	7439-95-4	ug/L								--	5300
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	4.7
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L								--	2
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	1.3
Potassium, Dissolved	7440-09-7	ug/L								--	3100
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	1.6 J
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U
Sodium, Dissolved	7440-23-5	ug/L								--	37000
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	1.8
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 U
Metals, Total											
Aluminum, Total	7429-90-5	ug/L	3348		8358	3348	5000	--	110000	81000	
Antimony, Total	7440-36-0	ug/L	6	6	129			--	< 0.4 U	< 0.4 UJ	
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			--	22	15	

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	1000	830
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	6.4	4.4
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.29	0.22
Calcium, Total	7440-70-2	ug/L								--	99000	84000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	51	40
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	42	30
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	100	70 B
Iron, Total	7439-89-6	ug/L	601000		601000					--	86000	65000
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	82	62
Magnesium, Total	7439-95-4	ug/L								--	28000	21000
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	1800	1300
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	0.11 J	0.1 J
Molybdenum, Total	7439-98-7	ug/L								--	1	1.4 J-
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	50	36
Potassium, Total	7440-09-7	ug/L								--	18000	14000
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	4.5	3.5 J+
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	0.5 J	0.36 J
Sodium, Total	7440-23-5	ug/L								--	41000	33000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	1	0.74
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	130	100
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	250	180
General												
Alkalinity	STL00171	mg/L								--	97	95
pH	STL00204	SU								--	8.24 J	8.19 J
Total Dissolved Solids	STL00242	mg/L								--	350	330
Total Hardness	STL00009	mg/L								--	360	300
Total Suspended Solids	STL00161	mg/L								--	4600	3300

Bold - Bolded results identify a detected value.

* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Reporting Unit Analyte	CAS.NO	Units	PCL									Location Sample ID Date Sample Time Latitude Longitude	
Metals, Dissolved													
Aluminum, Dissolved	7429-90-5	ug/L	3348			8358	3348	5000		--	< 24 U		
Antimony, Dissolved	7440-36-0	ug/L	6	6	129					--	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	2.15	10	2.15			100	200	--	0.94 J		
Barium, Dissolved	7440-39-3	ug/L	2000	2000	34900					--	73		
Beryllium, Dissolved	7440-41-7	ug/L	4	4	100	340	150	100	100	--	< 0.15 U		
Cadmium, Dissolved	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	< 0.043 U		
Calcium, Dissolved	7440-70-2	ug/L								--	52000		
Chromium, Dissolved	7440-47-3	ug/L	100	100		972	126	100	1000	--	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50		3130			50	1000	--	1.9		
Copper, Dissolved	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	1.7		
Iron, Dissolved	7439-89-6	ug/L	601000		601000					--	< 17 U		
Lead, Dissolved	7439-92-1	ug/L	5	15		130	5	5000	100	--	< 0.06 U		
Magnesium, Dissolved	7439-95-4	ug/L								--	6500		
Manganese, Dissolved	7439-96-5	ug/L	200		2550	3710	2050	200		--	4		
Mercury, Dissolved	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U		
Molybdenum, Dissolved	7439-98-7	ug/L								--	1.6 J		
Nickel, Dissolved	7440-02-0	ug/L	90		7870	813	90	200	1000	--	1.2		
Potassium, Dissolved	7440-09-7	ug/L								--	2800		
Selenium, Dissolved	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	0.75 J		
Silver, Dissolved	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U		
Sodium, Dissolved	7440-23-5	ug/L								--	26000		
Thallium, Dissolved	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U		
Vanadium, Dissolved	7440-62-2	ug/L	100		712			100	100	--	1.3		
Zinc, Dissolved	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	< 2.8 U		
Metals, Total													
Aluminum, Total	7429-90-5	ug/L	3348			8358	3348	5000		--	3100		
Antimony, Total	7440-36-0	ug/L	6	6	129					--	< 0.4 U		
Arsenic, Total	7440-38-2	ug/L	2.15	10	2.15			100	200	--	2.6		

Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

Barium, Total	7440-39-3	ug/L	2000	2000	34900					--	240
Beryllium, Total	7440-41-7	ug/L	4	4	100	340	150	100	100	--	1.3
Cadmium, Total	7440-43-9	ug/L	0.72	5	65	2.88	0.72	10	50	--	0.16
Calcium, Total	7440-70-2	ug/L								--	68000
Chromium, Total	7440-47-3	ug/L	100	100		972	126	100	1000	--	1 J
Cobalt, Total	7440-48-4	ug/L	50		3130			50	1000	--	5.6
Copper, Total	7440-50-8	ug/L	16	1300	8580	25	16	200	500	--	13
Iron, Total	7439-89-6	ug/L	601000		601000					--	1500
Lead, Total	7439-92-1	ug/L	5	15		130	5	5000	100	--	9.9
Magnesium, Total	7439-95-4	ug/L								--	8200
Manganese, Total	7439-96-5	ug/L	200		2550	3710	2050	200		--	500
Mercury, Total	7439-97-6	ug/L	0.77	2		104	0.77		10	--	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L								--	0.63 J
Nickel, Total	7440-02-0	ug/L	90		7870	813	90	200	1000	--	4.2
Potassium, Total	7440-09-7	ug/L								--	3400
Selenium, Total	7782-49-2	ug/L	5	50	4290	20	5	130	250	--	0.6 J
Silver, Total	7440-22-4	ug/L	9.9		837	9.9				--	< 0.1 U
Sodium, Total	7440-23-5	ug/L								--	26000
Thallium, Total	7440-28-0	ug/L	2	2	34.3					--	< 0.1 U
Vanadium, Total	7440-62-2	ug/L	100		712			100	100	--	9.8
Zinc, Total	7440-66-6	ug/L	219		292000	290	219	2000	25000	--	24
General											
Alkalinity	STL00171	mg/L								--	93
pH	STL00204	SU								--	8.2 J
Total Dissolved Solids	STL00242	mg/L								--	290
Total Hardness	STL00009	mg/L								--	200
Total Suspended Solids	STL00161	mg/L								--	1400

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Table 1
Surfacewater Analytical Data - Region 9
Upper Animas River

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg